

Measurement of Temperature of Salt Baths, by H. I.
Bratcher.

RESEARCH, per, Naval Lab, Vol XV, No 3, 1949,
p. 37, 375.

Bratcher Tr No 2330

16,698

Scientific - Min/Metals

\$1.20

Method of Measuring R.M.F. Generated by Friction
and Wear and Tear, by M. L. Goldovskiy, 2 pp.

RUSSIAN, per, Zavod lab, Vol XV, No 3, 1949,
p 380.

CIA/FDD/X-1172

Scientific - Engineering
CTIS/DEK

Also Brutchar Tr, No 2336
Price \$1.00

8504

Polarographic Method for Analyzing Benzanthrone
and Anthraquinone, by Yu. I. Vaynshteyn, 6 pp.

RUSSIAN, per, Zavod Lab, Vol XV, No 4, 1949,
pp 411-413.

CIA/FDD/X-1215

Scientific - Chemistry
CRS/DKX

9880

Polyvinylformal Analysis, by L. S. Soloveychik,
E. M. Novikova, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XV, No 4, 1949,
pp 418-419.

CIA/TDD/X-1214

Scientific - Chemistry
CTS/DEX

9879

Testing Materials for Durability, by M. R.
Maslov, 4 pp.

RUSSIAN, per, Latvian Lab, Vol XV, No 4, 1949,
pp 464-465.

CIA/FDD/X-1239

Scientific - Minerals/Metals
CTS/ERN

Also Sci Mus Lab 50/1017 and
Brutcher Tr 2347, \$1.50

9873

Interaction of Chromium and Nickel in Steel Without
Use of Silver Nitrate, by A. G. Bogdanchenko.

RUSSIAN, Zh. Fiz. Khim., Vol. XV, 1949, pp 474-477.

Butcher Tr 50 2836

Scientific - 1949/1950

\$2.70

197/7/6

General Note Vol. XX, No. 5, pp 517-22 (1949)

Amperometric Determinations of Some Basic
Components of Electrolytes of Baths for the
Electro-Deposition of Metals

N. G. Chavrut, N. N. Kuz'mina
A. N. Galkina, G. Ya. Starch

Abstract in Sci. Research - 50/6511

B. B. B.

Available @ B. B. B. Acc 12 461

Potentiometric Determination of Chlorides in an
Ammoniacal Medium When Bromides and Iodides are
Present, by M. B. Stchigol', 11 pp.

RUSSIAN, per, II Lavod Lab, Vol XV, No 5, 1949,
pp 523-528.

CIA/PDD/SX-1279

Scientific - Chemistry
CIS/DEX

11, 166

Potential role of Chlorine in the
action of Sodium Chloride, by H. P. Hershman, G. S.
Kushner, M.

RUSSIAN, Zaved Lab, Vol. XV, No 5, 1949,
pp 134-137.

ADC Tr 456
Sci. Res. Lab 50/0390
COIR/0175/CT

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Scientific - Chemistry

June 1951 CFS

A. Type Rotary Viscometer, by H. P. Ludwig, D. E.
Ludwig, 9 pp.

PTL, Per, Zetoch, Vol XV, No 5, 1949, pp
562-567.

CIA/TID/A-1266

Section - Physics
JUL/DNR

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Comparison of Rotary and Capillary Viscometers, for
Determining Viscous Properties of Lubricating Oils
at Low Temperatures, by V. L. Valdman, A. M.
Fenina, 6 pp.

RUSSIAN, per, Zavod Lab, Vol XV, No 5, 1949,
pp 547-549.

CIA/PID/X-1274 11, 026

Scientific - Physics
CPS/DEC

Determination of Microstructure of Welds of Stainless
Steel on Basis of Microhardness, by B. I. Medovar,
A. Asnii.

RUSSIAN, per, Zavod Lab, Vol XV, No 5, 1949.

Brutcher Tr No 2318
also AEC Tr 124

Scientific - Minerals/Metals

\$1.90

14,529

Concerning a Method of Studying the Character of the
Destruction of Steel, by B. S. Metapov, UNCL

RUSSIAN, per, Zavod Lat, No 5, 1949, pp 4-5.

ATIS HCL-557/111

Sol - Min/Mat

1 Mar 60

IS 40347 - Item 21

Furnace for Heating Specimens During Brief and
Prolonged Tensile Tests, by A. V. Antonovich,
RUSSIAN, ⁴Eng. Lab, Vol XV, pp 618-621,
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C.S.I.R.O.

Bol. - Min. Met. - Metallurgy

May 60

116,359

Photo-Thermodynamic Method of Determining SO_2 in
Presence of Oxides of Nitrogen, by R. E. Oshetrovych
and G. V. Babovskiy, 5 pp.

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Sol Museum ~~Int~~ No 51/1895

Scientific

Gas Analysis Using Colorimetry, by E. A. Poragud.

RUSSIAN, per, Zavod Lab, Vol XV, No 6, 1949,
pp 665-669.

NULL N. 3622

Set - Caden

Aug 62

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Indices of "Flares" of Lines in Electric-Arc
Spectrum, by L. H. Filimonov. UNCLASSIFIED

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pp 688-691.

Brutcher Tr 3214

Scientific - Minerals/Metals

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Price \$3.6-

Cutting Temperature, and Methods of Determining It,
by A. P. Chulyanov, 8 pp.

RUSSIAN, per, Zavod Lab, No 6, 1949, pp 717-723,

~~CONFIDENTIAL~~

Sci. Museum Lib No 51/3308-London

DAVIDENKO, N. N., MORIEVSKAYA, N. G. and
TIMOFEEVA, M. N.

BB 2658. Determination of stresses in plastic
torsion. Zavodskaya Lab., 13, no. 6, p. 720-727, 1949.
\$7.80.

SHISHKIN, K. A.

YANOVLEVA, O. A.

Zavodskaya laboratoriya, vol. 15, 1949, pp. 782-784;
4 tables, 1700 words.

Photocolorimetric Analysis of Stainless Steels.

Butcher Trans, Order No. 2390, \$2.95.

ZAVOD 1A8

No. 7, 3 pp, 1949

"Polarization Method for Accelerating Tests of Corrosion-Resistance of Metals in Sea Water"

L. V. Yelin
E. Sh. Ryt

Brutcher Translation 2395

Available in NNDL

Abstract 145-99

62/49T84

Preparation of Metallographic Sections and
Development of Microstructure of Cemented
Carbides, by J. E. Clapworthy

ROBERT, Rev. E. Clapworthy, Vol. 77, No. 7, 1949,
pp. 789-805.

Butcher Order No 3061
Price \$5.60

Scientific + Minerals/Metals

Jun 53 CTS

2239

1
Report Method for Calcium Carbide in Slag, by R. C.
Doyle, et al.,

INDUSTRIAL, MET, Zircon Lab, Vol. IV, 1949, pp 691-693

Slatcher Tr Order Po 2417
\$2.50

15, 165

Scientific - Min/Metals

Spectrographic Determination of Phosphorus in
Irons, by M. S. Alpatov.

RUSSIAN, per, Zavodskaya Laboratoriya, Vol XV, No 7,
1949, pp 857, 858.

Brutcher Tr 2585

Scientific - Min/Metals

\$1.00

12,764

Device for Determining the Fluidity and Rate of
Flow of a Stream of Liquid Metal, by L. L. Kurin,
UNCLASSIFIED

RUSSIAN, Izvodyakaya Laboratoriya, Vol 15, 1949,
No 7, pp 870-872.

Drutcher Order No 2516

Scientific - Metallurgy, fluidity, metal

February 1953

Investigation of Sparking-Out Effect and the ~~influence~~
Influence of Third Elements in Spectroanalysis,
Russian Communication I, by *L. N. Filimonov*

RUSSIAN, per, Zavod Lab, Vol XV, No 8, 1949,
pp 914-936.

Bratcher Tr 3535
\$9.80

26,074

Scientific - Min/Metals

Aug 55 CTS

Theory of the Additive Deformation Diagram and
Calculation of the Actual Resistances to Rupture,
by V. Ya. Shekhter.

RUSSIAN, per, Pavod Lab, No 8, 1949, pp 957-961.
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ATIC MCL 562/1

Sci + Phys
Jun 61

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SYROKOMSKI, V. S.
SILAEVA, E. V.

ZAVODSKAYA LABORATORIYA, vol 15, No 9, 1949

New Volumetric Method for Titanium (Part V of "Influence
of Complex Formation on Magnitude of Potential of Analyti-
cally Significant Systems"

Brutcher Tr 2622, \$4.40

PLATIN, M. Z.
AND OTHERS

Zhenskaya Laboratoriya, vol. 15, 1949, pp. 999-1000;
1 figure, 1 table, 1150 words.

Rapid Method for Ferrous Oxide in Sinter.

Butcher Trans, Order No. 2410, \$1.90.

metastatic Degeneration of Chromosomes and
bridges in an Amniotic Medium, by M. B. Shchegol',
S. M. Birkman.

Sci. per. Leningradskaya Laboratoriya, Vol XV, 1949,
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Museum
Sci 1951 Lib No 50/2863
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Public - Chemistry

14, 803

Accurate Measurement of Crystal Lattice Constants, by
A. Z. Zavadskiy, 18 pp.

RUSSIAN, per, Zavadskiy, Vol XV, No 9, 1949,
pp 1055-1061.

CIA/FDD/X-1356

Scientific - Chemistry
CTS/DEK

14,393

Method of Determining the Critical Quenching Rate, by
H. M. Blacher.

RUSSEIAN, Zhurnal Lab, Vol XV, No 9, 1949, pp 1077-1079.

Bratcher Tr No 2472

Scientific - Main/Bratcher

\$1.60

4,936

Hardness Testing at High Temperatures, by Mr
I. M. Mirkin, D. E. Livshits

RUSSIAN, no per, Zavod Lab, Vol XV, No 9, 1949,
pp 1080-1087.

Brutcher No 3197

\$7.40

41, 412

Sci - Min/Metals

Doc 56 CTS

Notched-Bar Impact Strength of Specimens as Affected
by Microstructure Below the Notch, by A. E. Aghis,
B. I. Medwar.

RUSSIAN, per, Zavod Lab, Vol XV, 1949, pp 1102-1193.

Butcher Tr No 2413

Scientific - Minerals/Metals

14,530

~~\$1.50~~ \$1.50

Chernikhov, Yu. A. and Dobkina, B. M.
METHODS OF CHEMICAL ANALYSIS. [1962?] [11] p.
3 refs.

Order from CDS or SIA \$1.60

62-18724

Tr. V. G. Zavodskaya Laboratoriya (USSR) 1949, v. 15,
[no. 10] p. 1143-1145.

DESCRIPTORS: *Sodium compounds; *Carbonates;
Stability; Organic solvents; Solvent extraction;
*Chemical analysis.

62-18724

I. Chernikhov, Yu. A.
II. Dobkina, B. M.

(Chemistry--Analytical, TT, v. 9, no. 8)

Office of Technical Services

Investigations of the γ Sparking-out Effect and of
the Influence of Third Elements in Spectroanalysis,
Part II: Investigation of Nature of the Influence
of Third Elements, by L. N. Filimonov, UNCLASSIFIED

RUSSIAN, Izv. Zavod. Lab., Vol. XV, 1949, No. 10,
pp. 1178-1184.

Butcher: Order no 3001
Price \$6.60

Scientific - Metallurgy, chemistry, physics

1/62

Investigation of the Sparking-Out Effect and of the
Influence of Third Elements in Spectroanalysis,
Communication XII, Influence of Carbon and Nitrogen,
by L. E. Filimonov

RUSSIAN

CHIMIE, per, Zavod Lab, Vol 15, 1949, No 10, pp 1184-1193.

Butcher Order No 3008

Scientific - Spectroanalysis

Price \$8.60

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Special Agent in Charge, Bureau for Personnel, by R. V.
Chapman.

RECEIVED, 1949, Bureau, Vol. XV, No. 10, 1949,
p. 1193-1197.

Revised 11-10-49

Revised 11-10-49

15, 063

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Identification of Metals and Methods of Determining
Purity, by Yu. A. Klyachko, L. L. Kunitz

RUSSIAN, *Met. Zaved. Lab.*, Vol. XV, 1949, No. 10,
pp. 1193-1205.

Butcher Order No 2539
Price \$9.80

Scientific - Metallurgy

2230

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Study for the People.

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Directions to the Ship

16,506

DECLASSIFIED - 11/22/2000

424

MAKOLIN, I. A.

ZAVOD IAB vol 15, 1949, No 10, pp 1209-1212

Adsorption balance for the study of the corrosion of
metals and alloys by gases at high temperatures

Bruckner items 2548, \$2.70

Preparation of Colloidal Palladium for the
Determination of Hydrogen in Gaseous
Mixtures, by N. A. Grudeva.

RUSSIAN, per, Zavod Lab, Vol XV, 1949,
pp 1247-1248.

MLL M. 3636

Sci. Chem

Aug 62

207, 104

Afanasiev, B.N.
TOEPASSING VAN CHLOORAMINE VOOR KWANTITA-
TIEVE BEPALING VAN ORGANISCHE VERBINDINGEN
(Use of chloramine-T for quantitative analysis of
organic compounds). 14 p. 5 refs. MTWL: 456.
(Text in Dutch).
Order from OTS or ETC \$1.85 61-17045

Transl. of Zavodskaya Laboratoriya (USSR) 1949,
v. 15, no. 11, pp. 1271-1276.

DESCRIPTORS *Organic compounds. Chemical
analysis. *Chloramines.

61-17045

- I. Afanasiev, B.N.
- II. MTWL: 456
- III. Stichting Nationaal
Tegengiftoxic Wetenschap-
pelijke Literatuur.

Office of Technical Services

Using Solid Electrodes in Polarography, Part VII,
Oxidation of Organic Compounds, by E. M. Skobets,
N. N. Atanashenko, 17 pp.

RUSSIAN, Izv. Akad. Nauk, Vol XV, No 11, 1949,
pp 1291-1299.

CIA/FDD/X-1220

Scientific - Chemistry
CTS/MLX

9874

Dropping Mercury Electrode With Forced Separation
of the Drop, by E. N. Skolets, N. S. Kavetskiy,
15 pp.

RUSSIAN, per, Zavod Lab, Vol XV, No 11, 1959,
pp 1293-1305.

77-44-2329
CIA/TDD/X-1219

Scientific - Electronics
CTS/DLT

9696

Zavodsk. Vol XV, No 11, p 1308-1313, 1949

"Installation for Combined Electrochemical
Analysis of Metals with Automatic Con-
version to Polarography"

by L. N. Lavrentko

USPHS Translation

17 May, 1950.

CPST I 11 65 6689

A Method of Measuring the Dynamic Modulus of Elasticity of Highly Elastic Materials as a Function of the Degree of Compression, by B. M. Barten'ev with the collaboration of N. M. Bovikova.

Full translation.

RUSSIAN, per, Harrod Lab, Vol XV, 1949, pp 1334-1339.

SL: - C/1041

ABC Tr 1306

A Method of Measuring the Dynamic Modulus of
Elasticity of Highly-Elastic Materials as a
Function of the Degree of Compression, by
G. M. Bartenev, 12 pp.

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RUSSIAN, Zavod Lab, vol, 11, 1949,
pp 1334-1339.

Sci Museum No 51/2020

Scientific

ZACHIN, N. M.

Zavodskaya Laboratoriya, vol. 14, 1949, pages 1343-1436.

Metallographic study of cemented carbides.

Butcher, Trans. Order No. 2386, \$2.85

Photocolorimetric Determination of Silicon in Cast
Iron and Steel, by Y. I. Gontenko and Y. Y. Orlova,
3 pp.

RUSSIAN, paper, Zvezdi Lab, Vol. XV, No. 11, 1949, pp
1365, 1366. (USSR COPY ONLY)

SLA R-2061

Sci

Aug 58

71.142

Determination of Silicon in Steel by the Photo-
electric Method, by H. P. Temirenko, 2 pp.

RUSSIAN, ^C per, Zavod Lab, Vol. XV, No 11, 1949,
p 1367.

SIA R-2060

Sci

71, 141

Aug 58

Determination of Small Quantities of Glycerol with
Hydrogen Peroxide, by H. G. Hartmann, 21 pp.

RUSSIAN, per. Zhurnal, Vol. XX, No. 11, 1942,
pp. 1447-1451.

CIA/ITER/100

Scientific - Chemistry
CIS/DIR

7079

Potentiometric Determination of Silver Ions in an
Ammoniacal Medium, by M. D. Shchigol', 13 pp.

RUSSIAN, per, Zavod Lab, Vol XV, No 12, 1949,
pp 1420-1425.

CIA/EDD/Z-1140

Scientific - Chemistry
CIS/AMX

7074

Potentiometric Determination of Chloride Ions
Without Silver Nitrate, by D. A. Vyshnev,
S. A. Gogina, 11 pp.

RUSSIAN, per, Zavod. Lab, Vol XV, No 12, 1949,
pp 1426-1430.

CIA/PDD/X-1141

Scientific - Chemistry
CSC/DEX

7080

Rapid Method for the Determination of Trace Amounts of
Cobalt in Nickel Electrolytes and in Cathodic
Nickel, by M. N. Chapik.

Full translation.

RUSSIAN, per, Zavod Lab, Vol. XV, USSR, 1949, p 1470.

AEC Tr 1541

Brutal No 2519
8.20

Scientific - Minerals/metals

May 53 CTS

2090

Pharmacological Control of Mineral Pyramids in
the Brain for Identifiability Testing, 1980, 1981.
Baltimore, M. D. Lippincott.

RECEIVED
JAN 10 1964
U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535

Sci Rep Lib 50/2305

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

16/09

Determination of Gases in Ferrous Metals.
Communication I: Re-Design of Apparatus for
Vacuum Fusion Method, by Yu. A. Klyachko.

Full translation.

RUSSIAN, per, Zavod Lab, ~~XXXX~~ Vol XVI, No 1, 1950,
pp 17-23.

Brutcher Tr No 3103

Scientific - Chemistry

Jul 53 GTS/DEM

Price \$5.80

3961

The Potentiometric Method of Determining Zinc
in Magnesium Alloys, by L.YA. Polyak and F.M.
Shenyakin.

RUSSIAN, per, Zavodskaya Laboratoriya, 1950,
Vol. 16, no.1, pp. 24-28.

SLA-TT-64-20378

Chem
Aug 66

306⁷, 619

Rapid Method For Determining Calcium and Magnesium in
Blasts, Magnesium, and Open-Hearth Slags, by Yu.
I. Ushenko and O. V. Datsenko.

RUSSIAN, Metallurg, Vol. 16, 1950, No 1, pp 94-96.

Butcher Tech Tr No 2923

Rapid Method for Determining Iron Oxide in the
Presence of Chromium, by S. T. Balyuk, V. M. Mordukhai.

RUSSIAN, per, Zavod Lab., Vol XVI, No 1, 1960,
pp 100-101.

Butcher Tr No 2922

Scientific - Minerals/Metals

14,448

Simplified Method of Testing Refractory Products
for Slagging Resistance, by V. M. Gerasimov, and
V. V. Radin, UNCLASSIFIED

RUSSIAN, Izv. Zavod. Lab, Vol XVI, 1950, No 1,
pp 103-109.

Butcher Order No 2506
Price \$2 75

Scientific - Metallurgy

463

Microscopic Determination of Hydrogen in Solid
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UNCLASSIFIED

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